



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	10/725,489
Filing Date	December 3, 2003
First Named Inventor	Mark ZOLLER
Art Unit	1647
Examiner Name	Robert S. Landsman
Attorney Docket Number	67824.407425

Sheet 1 of 5

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PL	1.	US- 6,383,778	05-07-2002	Zuker, et al.	
	2.	US- 2003/0054448	03-20-2003	Adler, et al.	
	3.	US- 2003/0040045	02-27-2003	Zuker, et al.	
	4.	US- 2003/0022278	01-30-2003	Zuker, et al.	
	5.	US- 2003/0022288	01-30-2003	Zuker, et al.	
	6.	US- 2002/0168635	11-14-2002	Zuker, et al.	
	7.	US- 2003/0008344	01-09-2003	Adler, et al.	
	8.	US- 2002/0160424	10-31-2002	Adler, et al.	
	9.	US- 2002/0151052	10-17-2002	Chaudhari, et al.	
	10.	US- 2002/0094551	07-18-2002	Adler, et al.	
	11.	US- 2002/0051997	05-02-2002	Zuker, et al.	
	12.	US- 6,540,978	04-01-2003	Margolskee, et al.	
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EXAMINER SIGNATURE

Robert S. Landsman

DATE CONSIDERED

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		First Named Inventor	Mark ZOLLER
		Art Unit	1647
		Examiner Name	Robert S. Landsman
Sheet	2 of 4 5	Attorney Docket Number	67824.407425

FOREIGN PATENT DOCUMENTS

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		Country Code Number-Kind Code (if known)					YES	NO
ML	13.	WO	01/83749	11-08-2001	Bachmanov, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	14.	WO	03/025137	03-27-2002	Liao, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	15.	WO	01/66563 A2	09-13-2001	Adler, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	16.	WO	03/001876 A2	01-09-2003	Adler, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	17.	WO	2005/015158 A2	02-17-2005	Li, et al.		<input type="checkbox"/>	<input type="checkbox"/>
C	18.	WO	00/06592	02-10-2000	Zuker		<input type="checkbox"/>	<input type="checkbox"/>
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EXAMINER SIGNATURE <i>Landsman</i>	DATE CONSIDERED <i>9.11.07</i>
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		Filing Date	December 3, 2003
		First Named Inventor	Mark ZOLLER
		Art Unit	1647
		Examiner Name	Robert S. Landsman
Sheet	3 of 5	Attorney Docket Number	67824.407425

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
AL	19.	Xiadong Li, et al., "Human Receptors for Sweet and umami taste", Proceeding of the National Academy of Science, Vol. 99, No. 7, pg. 4692-4696, April 2, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	20.	Database EMBL 'Online', embl heidelberg; Acc#: Ac062024, June 21, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	21.	E. Adler, et al., "A Novel Family of Mammalian Taste Receptors", Cell, Vol. 100, No. 6, pg. 693-702, March 17, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	22.	Guo, et al., "Protein Tolerance to Random Amino Acid change", PNAS, Vol. 101, No. 25, pg. 9205-9210, June 22, 2004.	<input type="checkbox"/>	<input type="checkbox"/>
	23.	Nelson, et al., "Mammalian Sweet Taste Receptors", Cell, Vol. 106, pg. 381-390, August 10, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	24.	Nelson, et al., "An Amino-acid Taste Receptor", Nature, Vol. 416, pg. 199-202, March 14, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	25.	Alexander, et al., "Altering the Antigenicity of proteins", Proc. Natl. Acad. Sci. USA, Vol. 89, pg. 3352-3356, April 1992.	<input type="checkbox"/>	<input type="checkbox"/>
	26.	Bowie, et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, Vol. 247, pg. 1306-1310, March 16, 1990.	<input type="checkbox"/>	<input type="checkbox"/>
	27.	Krautwurst, et al., "Identification of Ligands for Olfactory Receptors by Functional Expression of a Receptor Library", Cell, Vol. 95, pg. 917-926, December 23, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	28.	GenBank Accession Number AL139287, clone RP5-89003, February 13, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	29.	GenBank Accession Number AA907022, May 19, 1998.	<input type="checkbox"/>	<input type="checkbox"/>

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		First Named Inventor	Mark ZOLLER
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Sheet	4 of 5	Attorney Docket Number	67824.407425

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			YES	NO
M	30.	Hoon, et al., "Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity", Cell, Vol. 96, pg. 541-551, February 19, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
J	31.	Lindemann, "A Taste for Umami", Nature Neuroscience, ol. 3, No. 2, pg. 99-100, February 2000.	<input type="checkbox"/>	<input type="checkbox"/>
C	32.	Perruccio, et al., "Possible Role for gustducin in Taste Transduction in Hirudo Medicinalis", Society for Neuroscience Abstracts, Vol. 26, No. 1-2, Abstract No. 66.15, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
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		Examiner Name	Robert S. Landsman
Sheet	4 of 4 595	Attorney Docket Number	67824.407423

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	33.	Alexander, et al., "Altering the Antigenicity of proteins", Proc. Natl. Acad. Sci. USA, Vol. 89, pg. 3352-3356, April 1992.	<input type="checkbox"/>	<input type="checkbox"/>
	34.	Bowie, et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, Vol. 247, pg. 1306-1310, March 16, 1990.	<input type="checkbox"/>	<input type="checkbox"/>
	35.	Krautwurst, et al., "Identification of Ligands for Olfactory Receptors by Functional Expression of a Receptor Library", Cell, Vol. 95, pg. 917-926, December 23, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	36.	GenBank Accession Number AL139287, clone RP5-89003, February 13, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	37.	GenBank Accession Number AA907022, May 19, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	38.	Hoon, et al., "Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity", Cell, Vol. 96, pg. 541-551, February 19, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	39.	Lindemann, "A Taste for Umami", Nature Neuroscience, ol. 3, No. 2, pg. 99-100, February 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	40.	Perruccio, et al., "Possible Role for gustducin in Taste Transduction in Hirudo Medicinalis", Society for Neuroscience Abstracts, Vol. 26, No. 1-2, Abstract No. 66.15, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
AN	41.	Wolfgang Bönigk, et al., "The Native Rat Olfactory Cyclic Nucleotide-Gated Channel is Composed of Three Distinct Subunits", The Journal of Neuroscience, Vol. 19, No. 136, pg. 5332-5347, July 1, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
M	42.	Sue C. Kinnamon and Thomas A. Cummings, "Chemosensory Transduction Mechanisms in Taste", Annu. Rev. Physiol., Vol. 54, pg. 715-731, 1992.	<input type="checkbox"/>	<input type="checkbox"/>
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Art Unit

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Attorney Docket Number

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